

## CLAIMS

We claim:

5aB a2 / 1. An article of manufacture for use in a data processing system for installing an  
2 application program for execution on the data processing system, said article of manufacture  
3 comprising a computer-readable storage medium having a computer program embodied in said  
4 medium which causes the data processing system to execute the method steps comprising:

5 defining a configuration of the application program corresponding to a particular  
6 user of the application program;

7 encrypting and storing the configuration in a manifest file;

8 determining that the stored configuration corresponds to the user;

9 authenticating the user in response to the user requesting the application  
10 program;

11 decrypting the manifest file in response to the user authentication; and

12 building the application program pursuant to the configuration decrypted from  
13 the manifest file.

1 2. The article of manufacture of claim 1 wherein the data processing system is a local data  
2 processing system, and wherein the computer program embodied in said medium causes the  
3 data processing system to execute the additional method steps comprising:

4 storing the configuration on a remote server executing on a remote data  
5 processing system;

6 initiating a session between the local data processing system and the remote data  
7 processing system in response to the user requesting the local application program;

8 responsive to the user authentication, downloading data from the remote data  
9 processing system to the local data processing system according to the stored  
10 configuration; and

11 downloading the manifest file from the remote data processing system to the  
12 local data processing system.

13 3. The article of manufacture of claim 2 wherein the computer program embodied in said  
14 medium causes the data processing system to execute the additional method steps comprising:

15 authenticating the user in a second authentication responsive to the user  
16 requesting a build of the application program;

17 decrypting the manifest file responsive to the second authentication; and

18 building the application program pursuant to the configuration decrypted from  
19 the manifest file responsive to the second authentication.

1 4. The article of manufacture of claim 1 wherein the computer program embodied in said  
2 medium causes the data processing system to execute the additional method step comprising:  
3 recording a description of which items are being used by the user.

1 5. The article of manufacture of claim 4 wherein the recorded description is used for  
2 administering licensing of the items.

1 6. The article of manufacture of claim 2 wherein the remote server is a web server.

1 7. The article of manufacture of claim 1 wherein the configuration comprises data  
2 describing the user, the user's application program configuration, and resources for which the  
3 user is authorized.

1 8. A method of installing an application program for execution on a data processing  
2 system, said method comprising the steps of:

3  
4 defining a configuration of the application program corresponding to a particular  
5 user of the application program;

6 encrypting and storing the configuration in a manifest file;

7 determining that the stored configuration corresponds to the user;

8 authenticating the user in response to the user requesting the application  
9 program;

10 decrypting the manifest file in response to the user authentication; and

11 building the application program pursuant to the configuration decrypted from  
12 the manifest file.

1 9. The method of claim 8 further comprising the steps of:

2 storing the configuration on a remote server executing on a remote data  
3 processing system;

4 initiating a session between the local data processing system and the remote data  
5 processing system in response to the user requesting the local application program;

6 responsive to the user authentication, downloading data from the remote data  
7 processing system to the local data processing system according to the stored  
8 configuration; and

9 downloading the manifest file from the remote data processing system to the  
10 local data processing system.

11 10. The method of claim 9 further comprising the steps of:

12 authenticating the user in a second authentication responsive to the user  
13 requesting a build of the application program;

14 decrypting the manifest file responsive to the second authentication; and

15 building the application program pursuant to the configuration decrypted from  
16 the manifest file responsive to the second authentication.

1 11. The method of claim 8 further comprising the step of:

2 recording a description of which items are being used by the user.

1 12. The method of claim 11 wherein the recorded description is used for administering  
2 licensing of the items.

1 13. The method of claim 9 wherein the remote server is a web server.

1 14. The method of claim 8 wherein the configuration comprises data describing the user,  
2 the user's application program configuration, and resources for which the user is authorized.

STL920000062US1

1 15. A computer system for installing an application program for execution on a data  
2 processing system, said computer system comprising:

3 a configuration of the application program corresponding to a particular user of  
4 the application program;

5 a manifest file comprising an encrypted configuration;

6 a determination that the stored configuration corresponds to the user;

7 an authentication of the user in response to the user requesting the application  
8 program;

9 a decryptor for decrypting the manifest file in response to the user  
10 authentication; and

11 an application program builder for building the application program pursuant to  
12 the configuration decrypted from the manifest file.

1 16. The computer system of claim 15 wherein the data processing system is a local data  
2 processing system, said computer system further comprising:

3 a remote server executing on a remote data processing system in which the  
4 configuration is stored;

5 a session between the local data processing system and the remote data  
6 processing system in response to the user requesting the local application program;

7 a downloader, responsive to the user authentication, for downloading data from  
8 the remote data processing system to the local data processing system according to the  
9 stored configuration; and

10 a downloaded manifest file which is downloaded from the remote data  
11 processing system to the local data processing system.

12 17. The computer system of claim 16 further comprising:

13 a second authentication of the user responsive to the user requesting a build of  
14 the application program;

15 a second decryptor, responsive to the second authentication, for decrypting the  
16 manifest file; and

17 an application program builder, responsive to the second authentication, for  
18 building the application program pursuant to the configuration decrypted from the  
19 manifest file.



1 18. The computer system of claim 15 further comprising a recording of a description of  
2 which items are being used by the user.

1 19. The computer system of claim 18 wherein the recorded description is used for  
2 administering licensing of the items.

1 20. The computer system of claim 16 wherein the remote server is a web server.

1 21. The computer system of claim 15 wherein the configuration comprises data describing  
2 the user, the user's application program configuration, and resources for which the user is  
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